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RAW SEQUENCE LISTING
PATENT APPLICATION *US/09/060,609*DATE: 04/23/98
TIME: 14:55:12INPUT SET: *S25254.raw*

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

1
2
3 (1) General Information:
4
5 (i) APPLICANT: Ozenberger, Brad A.
6 Jacobsen, J. S.
7 Kajkowski, Eileen
8
9 (ii) TITLE OF INVENTION: B-Amyloid Peptide-Binding Proteins and
10 Polynucleotides Encoding the Same
11
12 (iii) NUMBER OF SEQUENCES: 2
13
14 (iv) CORRESPONDENCE ADDRESS:
15 (A) ADDRESSEE: American Home Products
16 (B) STREET: One Campus Drive
17 (C) CITY: Parsippany
18 (D) STATE: NJ
19 (E) COUNTRY: USA
20 (F) ZIP: 07054
21
22 (v) COMPUTER READABLE FORM:
23 (A) MEDIUM TYPE: Floppy disk
24 (B) COMPUTER: IBM PC compatible
25 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
26 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
27
28 (vi) CURRENT APPLICATION DATA:
29 (A) APPLICATION NUMBER: US
30 (B) FILING DATE:
31 (C) CLASSIFICATION:
32
33 (viii) ATTORNEY/AGENT INFORMATION:
34 (A) NAME: Walsh, Andrea C.
35 (B) REGISTRATION NUMBER: 34,988
36 (C) REFERENCE/DOCKET NUMBER: 98126
37
38 (ix) TELECOMMUNICATION INFORMATION:
39 (A) TELEPHONE: 973-683-2169
40 (B) TELEFAX: 973-683-4117
41
42
43 (2) INFORMATION FOR SEQ ID NO:1:
44
45 (i) SEQUENCE CHARACTERISTICS:
46 (A) LENGTH: 810 base pairs

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47 (B) TYPE: nucleic acid
 48 (C) STRANDEDNESS: single
 49 (D) TOPOLOGY: linear
 50
 51 (ii) MOLECULE TYPE: mRNA
 52
 53
 54 (ix) FEATURE:
 55 (A) NAME/KEY: CDS
 56 (B) LOCATION: 1..807
 57
 58
 59 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
 60
 61 ATG CAT ATT TTA AAA GGG TCT CCC AAT GTG ATT CCA CGG GCT CAC GGG 48
 62 Met His Ile Leu Lys Gly Ser Pro Asn Val Ile Pro Arg Ala His Gly
 63 1 5 10 15
 64
 65 CAG AAG AAC ACG CGA AGA GAC GGA ACT GGC CTC TAT CCT ATG CGA GGT 96
 66 Gln Lys Asn Thr Arg Arg Asp Gly Thr Gly Leu Tyr Pro Met Arg Gly
 67 20 25 30
 68
 69 CCC TTT AAG AAC CTC GCC CTG TTG CCC TTC TCC CTC CCG CTC CTG GGC 144
 70 Pro Phe Lys Asn Leu Ala Leu Leu Pro Phe Ser Leu Pro Leu Leu Gly
 71 35 40 45
 72
 73 GGA GGC GGA AGC GGA AGT GGC GAG AAA GTG TCG GTC TCC AAG ATG GCG 192
 74 Gly Gly Ser Gly Ser Gly Glu Lys Val Ser Val Ser Lys Met Ala
 75 50 55 60
 76
 77 GCC GCC TGG CCG TCT GGT CCG TCT GCT CCG GAG GCC GTG ACG GCC AGA 240
 78 Ala Ala Trp Pro Ser Gly Pro Ser Ala Pro Glu Ala Val Thr Ala Arg
 79 65 70 75 80
 80
 81 CTC GTT GGT GTC CTG TGG TTC GTC TCA GTC ACT ACA GGA CCC TGG GGG 288
 82 Leu Val Gly Val Leu Trp Phe Val Ser Val Thr Thr Gly Pro Trp Gly
 83 85 90 95
 84
 85 GCT GTT GCC ACC TCC GCC GGG GGC GAG GAG TCG CTT AAG TGC GAG GAC 336
 86 Ala Val Ala Thr Ser Ala Gly Gly Glu Ser Leu Lys Cys Glu Asp
 87 100 105 110
 88
 89 CTC AAA GTG GGA CAA TAT ATT TGT AAA GAT CCA AAA ATA AAT GAC GCT 384
 90 Leu Lys Val Gly Gln Tyr Ile Cys Lys Asp Pro Lys Ile Asn Asp Ala
 91 115 120 125
 92
 93 ACG CAA GAA CCA GTT AAC TGT ACA AAC TAC ACA GCT CAT GTT TCC TGT 432
 94 Thr Gln Glu Pro Val Asn Cys Thr Asn Tyr Thr Ala His Val Ser Cys
 95 130 135 140
 96
 97 TTT CCA GCA CCC AAC ATA ACT TGT AAG GAT TCC AGT GGC AAT GAA ACA 480
 98 Phe Pro Ala Pro Asn Ile Thr Cys Lys Asp Ser Ser Gly Asn Glu Thr
 99 145 150 155 160

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100
 101 CAT TTT ACT GGG AAC GAA GTT GGT TTT TTC AAG CCC ATA TCT TGC CGA 528
 102 His Phe Thr Gly Asn Glu Val Gly Phe Phe Lys Pro Ile Ser Cys Arg
 103 165 170 175
 104
 105 AAT GTA AAT GGC TAT TCC TAC AAA GTG GCA GTC GCA TTG TCT CTT TTT 576
 106 Asn Val Asn Gly Tyr Ser Tyr Lys Val Ala Val Ala Leu Ser Leu Phe
 107 180 185 190
 108
 109 CTT GGA TGG TTG GGA GCA GAT CGA TTT TAC CTT GGA TAC CCT GCT TTG 624
 110 Leu Gly Trp Leu Gly Ala Asp Arg Phe Tyr Leu Gly Tyr Pro Ala Leu
 111 195 200 205
 112
 113 GGT TTG TTA AAG TTT TGC ACT GTA GGG TTT TGT GGA ATT GGG AGC CTA 672
 114 Gly Leu Leu Lys Phe Cys Thr Val Gly Phe Cys Gly Ile Gly Ser Leu
 115 210 215 220
 116
 117 ATT GAT TTC ATT CTT ATT TCA ATG CAG ATT GTT GGA CCT TCA GAT GGA 720
 118 Ile Asp Phe Ile Leu Ile Ser Met Gln Ile Val Gly Pro Ser Asp Gly
 119 225 230 235 240
 120
 121 AGT AGT TAC ATT ATA GAT TAC TAT GGA ACC AGA CTT ACA AGA CTG AGT 768
 122 Ser Ser Tyr Ile Ile Asp Tyr Tyr Gly Thr Arg Leu Thr Arg Leu Ser
 123 245 250 255
 124
 125 ATT ACT AAT GAA ACA TTT AGA AAA ACG CAA TTA TAT CCA TAA 810
 126 Ile Thr Asn Glu Thr Phe Arg Lys Thr Gln Leu Tyr Pro
 127 260 265
 128
 129
 130 (2) INFORMATION FOR SEQ ID NO:2:
 131
 132 (i) SEQUENCE CHARACTERISTICS:
 133 (A) LENGTH: 269 amino acids
 134 (B) TYPE: amino acid
 135 (D) TOPOLOGY: linear
 136
 137 (ii) MOLECULE TYPE: protein
 138
 139 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
 140
 141 Met His Ile Leu Lys Gly Ser Pro Asn Val Ile Pro Arg Ala His Gly
 142 1 5 10 15
 143
 144 Gln Lys Asn Thr Arg Arg Asp Gly Thr Gly Leu Tyr Pro Met Arg Gly
 145 20 25 30
 146
 147 Pro Phe Lys Asn Leu Ala Leu Leu Pro Phe Ser Leu Pro Leu Leu Gly
 148 35 40 45
 149
 150 Gly Gly Gly Ser Gly Ser Gly Glu Lys Val Ser Val Ser Lys Met Ala
 151 50 55 60
 152

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153 Ala Ala Trp Pro Ser Gly Pro Ser Ala Pro Glu Ala Val Thr Ala Arg
154 65 70 75 80
155
156 Leu Val Gly Val Leu Trp Phe Val Ser Val Thr Thr Gly Pro Trp Gly
157 85 90 95
158
159 Ala Val Ala Thr Ser Ala Gly Gly Glu Glu Ser Leu Lys Cys Glu Asp
160 100 105 110
161
162 Leu Lys Val Gly Gln Tyr Ile Cys Lys Asp Pro Lys Ile Asn Asp Ala
163 115 120 125
164
165 Thr Gln Glu Pro Val Asn Cys Thr Asn Tyr Thr Ala His Val Ser Cys
166 130 135 140
167
168 Phe Pro Ala Pro Asn Ile Thr Cys Lys Asp Ser Ser Gly Asn Glu Thr
169 145 150 155 160
170
171 His Phe Thr Gly Asn Glu Val Gly Phe Phe Lys Pro Ile Ser Cys Arg
172 165 170 175
173
174 Asn Val Asn Gly Tyr Ser Tyr Lys Val Ala Val Ala Leu Ser Leu Phe
175 180 185 190
176
177 Leu Gly Trp Leu Gly Ala Asp Arg Phe Tyr Leu Gly Tyr Pro Ala Leu
178 195 200 205
179
180 Gly Leu Leu Lys Phe Cys Thr Val Gly Phe Cys Gly Ile Gly Ser Leu
181 210 215 220
182
183 Ile Asp Phe Ile Leu Ile Ser Met Gln Ile Val Gly Pro Ser Asp Gly
184 225 230 235 240
185
186 Ser Ser Tyr Ile Ile Asp Tyr Tyr Gly Thr Arg Leu Thr Arg Leu Ser
187 245 250 255
188
189 Ile Thr Asn Glu Thr Phe Arg Lys Thr Gln Leu Tyr Pro
190 260 265
191

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION **US/09/060,609**

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| Line | Error | Original Text |
|------|---------------------------------|----------------------------|
| 29 | Wrong application Serial Number | (A) APPLICATION NUMBER: US |